

[illegible]

Page 1

Accept

Setup Start

Stop

Start Date: 2/16/2011 **Start Qty:** 5.00

00000000000000000000

Cust Item ID:

Required Date: 3/2/2011 **Req'd Qty:** 5.00

Abstract

Customer:

Reference:

Approvals: Process Plan: MF

Date: 11-02-15

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Draw Nbr	Revision Nbr
D4022	A

0.00

[REDACTED]

Purchasing

Memo

0.00

Purchasing

Issue P/O:

Purchase part as per Dwg D4022

Part #: TC 250-100

Possible Supplier: Weldon

Material release note required

Receive & Inspect for Damage & Mat'l Certs

0.00

[illegible]

Packaging

Memo

0.00

Packaging

CL 11/02/15 (5)

Page 17 (5)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 66460

Tuesday, February 15, 2011 11:01:44 AM

Page 2

Item ID: D4022-3

Accept

Setup Start

Revision ID:

Stop

Item Name: Fuel Pump Mounting Bracket

Start Date: 2/16/2011 Start Qty: 5.00

Cust Item ID:

Required Date: 3/2/2011 Req'd Qty: 5.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

Suloris

(25)

130

Identify as per dwg & Stock Location: 453

0.00



Packaging

Memo

0.00

Packaging

Cup 2/18 (5)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/02/22

MF

11-02-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, February 15, 2011 11:01:42 AM

Page 1

Work Order ID: 66460



Parent Item: D4022-3



Parent Item Name: Fuel Pump Mounting Bracket


Start Date: 2/16/2011

Required Date: 3/2/2011

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP Rev:B
10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
TC 250-100  Fuel Pump		Purchased	No			110	Each	0.0000	1	5		2/15/11	5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

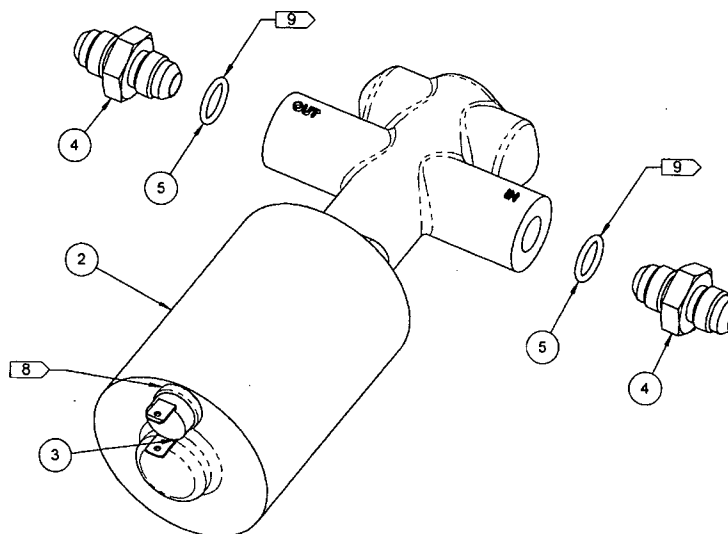
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	2	AN818-6D	FITTING, UNION	
5	2	MS29512-06	O RING	



D4022-041 FUEL TRANSFER PUMP ASSEMBLY

#66460

RELEASED
2010-05-05
WJ

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4022-041" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 2.61 lbs
- 8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
- 9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

A	NEW ISSUE		10.04.16
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.04.16		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4022**

TITLE **FUEL PUMP**

REV. A
SHEET 1 OF 4
SCALE
NTS

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

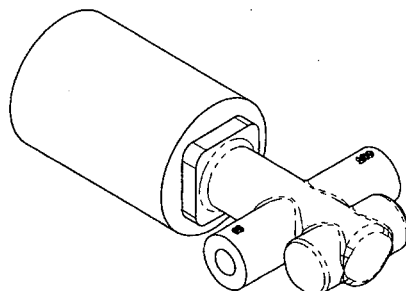
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-1	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
	AEROSPACE ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

#66460

D4022-X FUEL TRANSFER PUMP

RELEASED
2010-05-05
JMD

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 2.6 lbs

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4022	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		FUEL PUMP	NTS
DATE	10.04.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

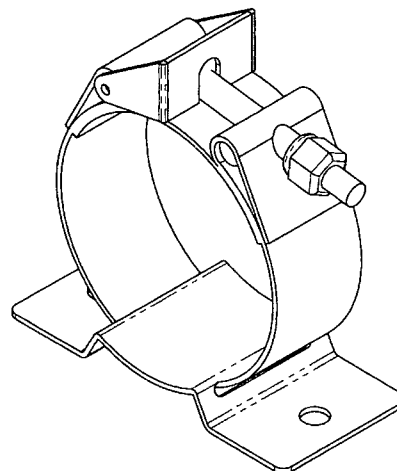
DART AEROSPACE
PART NUMBER

D4022-3

JOHN CAMERON AVIATION
PART NUMBER

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (ϕ)
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPACE ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5

D4022-X FUEL PUMP MOUNTING BRACKET

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.33 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4022	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		FUEL PUMP	NTS
DATE	10.04.16	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

#66460

RELEASED
2010-05-05
MP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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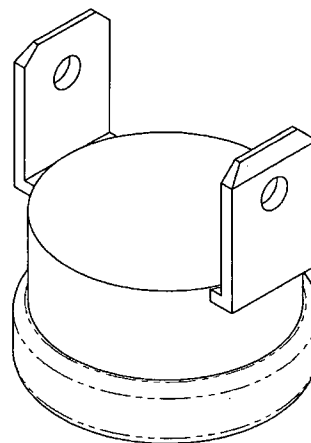
DART AEROSPACE
PART NUMBER

JOHN CAMERON AVIATION
PART NUMBER

D4022-5

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D4022 TITLE FUEL PUMP DATE 10.04.16	REV. A
DRAWN			SHEET 4 OF 4
CHECKED			SCALE
MFG. APPR.			NTS
APPROVED			
DE APPR.		<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

#66960

RELEASED
2010-05-05
MP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO13500

Purchase Order Date 2/15/11

PO Print Date 2/15/11

Page Number 1 of 1

Order From :

VU-AER004

AEROSPARES ACCESSORIES INC
20544 CONCESSION # 9,
RR #2
ALEXANDRIA, ON K0C 1A0
CANADA

Contact Name
Vendor Phone 800 355 2157
Vendor Fax 613 525 0925
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
CL 11/02/11
e-mail

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	TC 250-100	Fuel Pump	2/18/11 Yes	5.00 Each	FedEx Overnight	\$23.7500	\$118.75

Special Inst: AS PER DWG D4022 REV. A
B66460
AEROSPACE ACCESORIES P/N: TC 250-
100

PO Total: \$118.75

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

PO Instructions: FEDEX ACCT: 15179324-0

Change Nbr: 1

Change Date: 2/15/11

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

AEROSPARES ACCESSORIES INC.

20544 CON #9 ,R.R. #2
ALEXANDRIA, ONT. K0C-1A0
TEL 613-525-0924 FAX 613-525-0925

Invoice

DATE	INVOICE NO
2/15/2011	21465

BILL TO
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESHURY, ON K6A-1K7

SHIP TO
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESHURY, ON K6A-1K7

P.O. NO.	TERMS	REP	SHIP DATE	SHIP VIA	FOB
13500	Net 30	USD	2/15/2011	Federal Express	ALEXANDRIA

ITEM	DESCRIPTION	Batch	S/N	QTY	RATE	AMOUNT
TC250-100	CLAMP (2.50 DIA)	2779	N/A	5	23.75	118.75T
F/C	TC250-100 NEW P.M.A.					
	SHIPPING & HANDLING	W.B.87218374			0.00	0.00
	FEDEX COLLECT ACCT.	9548				
	15179324-0					
	Business Number: 881274476					
<p>The parts supplied hereon were acquired directly from the O.E.M., or an approved supplier/repair station which maintains a quality assurance system providing full traceability to source of supply.</p> <p>Signature: _____</p>						

15.44
0.00

Thank you for your business.	TOTAL	\$134.19
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